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Notice of Allowability	Application No.	Applicant(s)	
	09/647,784	RASANEN, JUHA	
	Examiner	Art Unit	
	Robert C. Scheibel	2616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the Request for Continued Examination (RCE) filed 10/26/2006.
2. ☒ The allowed claim(s) is/are 10,27,30 and 38-44, renumbered 1-10.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>20070122</u>. 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____. |
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EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Christine McCarthy (Reg. No. 41,844) on 1/22/2006.

The application has been amended as follows:

In line 4 of claim 10, "network calls of the mobile station," has been corrected to -- network calls of the mobile station, said network calls comprising transparent calls and non-transparent calls --.

In line 5 of claim 10, "the capacity" has been corrected to -- a capacity --.

In line 8 of claim 10, "the required transmission capacity" has been corrected to -- a required transmission capacity --.

In line 10 of claim 10, "the requested capacity" has been corrected to -- requested capacity --.

In line 14 of claim 10, "the requested capacity" has been corrected to -- requested capacity --.

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In line 3 of claim 27, “network calls of a mobile station,” has been corrected to -- network calls of a mobile station, said network calls comprising transparent calls and non-transparent calls --.

In line 5 of claim 27, “the capacity” has been corrected to -- a capacity --.

In line 8 of claim 27, “the required amount of transmission capacity” has been corrected to -- a required amount of transmission capacity --.

In line 10 of claim 27, “the requested capacity” has been corrected to -- requested capacity --.

In line 14 of claim 27, “the requested capacity” has been corrected to -- requested capacity --.

In line 5 of claim 30, “the capacity” has been corrected to -- a capacity --.

In line 9 of claim 30, “means adjusting” has been corrected to -- means for adjusting --.

In lines 4-5 of claim 38, “network calls of a mobile station,” has been corrected to -- network calls of a mobile station, said network calls comprising transparent calls and non-transparent calls --.

In line 6 of claim 38, “the capacity” has been corrected to -- a capacity --.

In line 9 of claim 38, “the required amount of transmission capacity” has been corrected to -- a required amount of transmission capacity --.

In line 11 of claim 38, “the requested capacity” has been corrected to -- requested capacity --.

In line 15 of claim 38, “the requested capacity” has been corrected to -- requested capacity --.

In line 6 of claim 39, “the capacity” has been corrected to -- a capacity --.

In line 9 of claim 39, “the required channel capacity” has been corrected to -- a required channel capacity --.

2. The following is an examiner’s statement of reasons for allowance:
3. Claims 27, 30, and 38 are allowable over the prior art of record because the claimed invention is for a method, network, and network element for dynamically allocating the capacity of one common traffic channel assigned exclusively to two or more simultaneous calls of the mobile station, where these mobile calls are either transparent calls or non-transparent calls, whereby when a new call is established, the additional required capacity is assigned to the common traffic channel; if not all of the required capacity can be assigned to the common traffic channel, the capacity required by the transparent calls is first allocated to transparent calls and the remaining capacity is then allocated to non-transparent calls; when capacity is later available, it is then assigned to the common traffic channel and this capacity is allocated to the non-transparent calls. This claimed method, network, and network element is not disclosed in the prior art of record.
4. Claims 30 and 39 are allowable over the prior art of record because the claimed invention is for a network and network element for dynamically allocating the capacity of one common traffic channel to two or more simultaneous network calls of a mobile station, the capacity of the

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common channel is dynamically adjusted based on the required capacity of the two or more calls; one radio link protocol or link access control protocol link is established for the common traffic channel and a logical link for each of the calls is established over this common channel, where the user data of each call is transmitted by interleaving packets of the logical links with the protocol frames of the radio link protocol. This network and network element is not disclosed in the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robert C. Scheibel whose telephone number is 571-272-3169. The examiner can normally be reached on Monday and Thursday from 7:00-5:30 Eastern Time.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Seema S. Rao can be reached on 571-272-3174. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

RCS 1-22-07
Robert C. Scheibel
Patent Examiner
Art Unit 2616

Seema S. Rao 1/22/07
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